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Woods et al.

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(54) **CAPSULAR INTRAOCULAR LENS IMPLANT**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

This patent is subject to a terminal dis-
claimer.

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Related U.S. Application Data

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continuation-in-part of application No. 10/280,918,
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See application file for complete search history.

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(57) ABSTRACT

An intraocular lens having a light-transmitting optic (**32, 94a, 94b, 142, 148, 216**) comprised of a synthetic light-refractive material (**40, 102**) operably coupled with a flexible optic positioning member (**34, 62, 74, 84, 100, 150, 210**) to refract light onto the retina in order to correct refractive errors in the eye (**10**). The refractive material has an index of refraction of from about 1.36 to 1.5 or higher. The optic positioning member (**34, 62, 74, 84, 100, 150, 210**) is constructed of a flexible synthetic resin material such as polymethylmethacrylate and permits focusing upon objects located near to and far from the viewer. The optic (**32, 94a, 94b, 142, 148, 216**) of the present invention possess greater refractive capability than optics conventionally used in IOL construction, and permits retinal receipt of the image being viewed in order to correct refractive errors.

7 Claims, 7 Drawing Sheets

